

CLAIM SET AS AMENDED

1. (Currently Amended) A ground structure for a vehicle wherein an engine and a vehicle body are connected to each other, comprising:

a first cable extending from a body frame of the vehicle body to the engine for grounding said engine;

a plurality of other cables, including a second cable which directly connects a battery to the engine, a negative terminal of the battery being grounded solely by being ~~only directly~~ connected to the engine, the engine being grounded to the body frame by the first cable;

wherein said first cable has a wire diameter set substantially equal to any of the plurality of other cables wired to said engine and any of the plurality of cables wired to a part coupled to said engine, and

wherein none of the plurality of other cables has a wire diameter larger than the wire diameter of the first cable.

2. (Previously Presented) The ground structure for a vehicle according to claim 1, further comprising a third cable of the plurality of other cables used to connect the battery to a part coupled to said engine.

3. (Previously Presented) The ground structure for a vehicle according to claim 1, further comprising a fourth cable of the plurality of cables for connecting said battery and a starter motor for said engine to each other.

4. (Previously Presented) The ground structure for a vehicle according to claim 1, wherein said ground structure further comprises:

first coupling means mounted on said engine for coupling the one of the plurality of cables that connects the negative terminal of the battery and said engine to each other; and

second coupling means mounted on said engine for coupling the first cable that connects said body frame and said engine to each other;

wherein said first coupling means and said second coupling means are removably mounted independently of each other on said engine.

5. (Cancelled)

6. (Previously Presented) The ground structure for a vehicle according to claim 1, wherein with a battery capacity of approximately 7 Ah, the first cable has a sectional area of approximately 5 Av mm².

7. (Previously Presented) The ground structure for a vehicle according to claim 1, wherein with a battery capacity of approximately 9 Ah, the first cable has a sectional area of approximately 8 Av mm^2 .

8. (Previously Presented) The ground structure for a vehicle according to claim 1, wherein with a battery capacity of approximately 12 Ah, the first cable has a sectional area in the range of approximately $9\text{-}15 \text{ Av mm}^2$.

9. (Previously Presented) The ground structure for a vehicle according to claim 1, wherein with a battery capacity of greater than 14 Ah, the first cable has a sectional area of approximately 15 Av mm^2 .

10. (Currently Amended) A ground structure for a vehicle comprising:
a first cable adapted for grounding an engine and an upper body frame to each other, the first cable extending from a body frame to the engine;
a second cable adapted for grounding a battery and the engine to each other, a negative terminal of the battery being grounded by being only connected to the engine, the engine being grounded to the upper body frame by the first cable; ~~and~~
a third cable adapted for wiring an electrical component to the battery; and
a fourth cable for connecting the battery and starter motor for said engine to each other.

said first and second cables having a wire diameter set substantially equal to the wire diameter of the third cable.

11. (Cancelled)

12. (Previously Presented) The ground structure for a vehicle according to claim 10, wherein said ground structure further comprises:

first coupling means for connecting the first cable to the upper body frame and said engine; and

a second coupling means for connecting the second cable to the negative terminal of the battery and said engine;

wherein said first coupling means and said second coupling means are removably mounted independently of each other on said engine.

13. (Previously Presented) The ground structure for a vehicle according to claim 10, wherein with a battery capacity of approximately 4 Ah, the first cable has a sectional area of approximately 3 Av mm².

14. (Previously Presented) The ground structure for a vehicle according to claim 10, wherein with a battery capacity of approximately 7 Ah, the first cable has a sectional area of approximately 5 Av mm².

15. (Previously Presented) The ground structure for a vehicle according to claim 10, wherein with a battery capacity of approximately 9 Ah, the first cable has a sectional area of approximately 8 Av mm^2 .

16. (Previously Presented) The ground structure for a vehicle according to claim 10, wherein with a battery capacity of approximately 12 Ah, the first cable has a sectional area in the range of approximately $9\text{-}15 \text{ Av mm}^2$.

17. (Previously Presented) The ground structure for a vehicle according to claim 10, wherein with a battery capacity of greater than 14 Ah, the cable has a sectional area of approximately 15 Av mm^2 .

18. (Previously Presented) The ground structure for a vehicle according to claim 1, wherein grounding of the battery and any other electric parts is integrated into the one of the other cables that connects the battery to the engine.

19. (Previously Presented) The ground structure for a vehicle according to claim 10, wherein said ground structure further comprises:

two connecting elements formed on said engine,

wherein each of the first cable and the second cable is arbitrarily connected to a separate one of the two connecting elements.

20. (Previously Presented) The ground structure for a vehicle according to claim 10, wherein grounding of the battery and any other electric parts is integrated into the second cable that connects the battery to the engine.

21. (New) A ground structure for a vehicle wherein an engine and a vehicle body are connected to each other, comprising:

a first cable extending from a body frame of the vehicle body to the engine for grounding said engine;

a plurality of other cables, including a second cable which connects a battery to the engine, a negative terminal of the battery being grounded by being only connected to the engine, the engine being grounded to the body frame by the first cable;

wherein said first cable has a wire diameter set substantially equal to any of the plurality of other cables wired to said engine and any of the plurality of cables wired to a part coupled to said engine,

wherein none of the plurality of other cables has a wire diameter larger than the wire diameter of the first cable, and

wherein with a battery capacity of approximately 4 Ah, the first cable has a sectional area of approximately $3 A_v \text{ mm}^2$.